
REFERENCES

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APHA. 1985. Standard Methods for the Examination of Water and Wastewater. American Public Health Association, American Water Works Association & Water Pollution Control Federation. Washington, D.C.

Athayde, D.N., P.E. Shelley, E.D. Driscoll, D. Gaboury and G.B. Boyd. 1983. Results of the Nationwide Urban Runoff Program. Volume I—Final Report. USEPA, Washington D.C. NTIS #PB84-185552.

Barfield, B.J., D.T.Y. Kao and E.W. Toller. 1975. Analysis of the Sediment Filtering Action of Grasses Media. Res. Paper No. 90, University of Kentucky Water Research Institute, Lexington, KY.

Barfield, B.J. and D.T.Y. Kao. 1977. Hydraulic Residence of Grass Media as Shallow Overland Flow. University of Kentucky Water Resource Research Institute, Lexington, KY.

Bascombe, Andrew. 1988. Biological Monitoring of Benthic Invertebrates for the Assessment of Heavy Metal Pollution in Urban Rivers. Urban Pollution Research Centre Research Report No. 11. Middlesex Polytechnic, Enfield, England. EN3 4SF.

Bleyler, R. 1988. Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analysis. Viar & Company. Prepared for Hazardous Site Evaluation Division. USEPA, Washington, DC.

Bouwer, H. 1976. "Use of the Earth's Crust for Treatment or Storage of Sewage Effluent in the Revegetation of Metalliferous Mine Wastes." *Environmental Management of Mineral Wastes*, Goodman G.T. and M.J. Chadwick, eds. Sythoff and Noordhoff, Alpen aan den Rijn. The Netherlands, pp. 316-326.

Burke, Steve. May and July, 1992. Seattle/King County Health Department. Personal communication.

Butkus, S.R., E.B. Welch, R.R. Horner, D.E. Spyridakis. 1988. "Lake Response Modeling Using Biologically Available Phosphorus." *Journal WPCF* 60(9): 1663-1669.

Chow, V.T. 1959. Open Channel Hydraulics. McGraw-Hill Book Company, New York, NY

Cowen, W.F. and G.F. Lee. 1976. Algal Nutrient Availability and Limitation in Lake Ontario During IFYGL. Part 1. Available phosphorus in urban runoff and Lake Ontario tributary waters. USEPA, Environmental Research Laboratory, Duluth, MN. EPA-600/3-76-094a.

Davies, Pat. 1991. Colorado Division of Wildlife. Presentation at the Engineering Foundation Conference, Crested Butte, CO.

Davis, W.S. and T.P. Simon, eds. 1989. Proceedings of the 1989 Midwest Pollution Control Biologists Meeting, USEPA Chicago, IL, EPA-905/9-89-007.

Department of the Interior, Bureau of Reclamation. 1984. "Improved Discharge Formula for Rectangular Thin-Plate Weirs." *Water Measurement Manual*. Article 30, pp. 36-39, 2nd Ed. U.S. Government Printing Office, Denver, CO.

Dewberry and Davis. 1990. Investigation of Potential Sediment Toxicity from BMP Ponds. Prepared for the Northern Virginia Planning District Commission. Unpublished report.

DeGroot, W., ed. 1982. Stormwater Detention Facilities, Conference Proceedings. American Society of Civil Engineers, New York, NY.

Dillaha, T.A., J.H. Sherrard, D. Lee, S. Mostaghimi and V. O. Shanholtz. 1988. "Evaluation of Vegetative Filter Strips as a Best Management Practice for Feed Lots." *J. Water Pollution Control Fed.* 60(7): 1231-1238.

Ecology, September 1988. Recommended Procedures for Collecting Environmental Samples. Department of Ecology, Northwest Regional Office.

Engman, E. T. 1986. "Roughness Coefficients for Routing Surface Runoff." *J. Irrigation and Drainage Engineering* 112 (1): 39-53.

Falter, Mike. April, 1992. Department of Fisheries & Wildlife, University of Idaho, Moscow, ID. Personal communication.

General Accounting Office. 1989. Water Pollution: More EPA Action Needed to Improve the Quality of Heavily Polluted Waters. Report to the Chairman, Subcommittee on Regulation and Business Opportunities, Committee on Small Business, House of Representative. GAO/RCED-89-38.

General Accounting Office. 1987. The Nation's Water; Key Unanswered Questions about the Quality of Rivers and Streams. GAO/PEMD-86-6.

Goldman, S.J., K. Jackson and T.A. Bursztynsky. 1986. Erosion and Sediment Control Handbook. McGraw-Hill Book Company, NY.

Guidebook Water Quality Swales. 1990. National Association of Industrial and Office Parks, Puget Sound Water Quality Authority/Public Involvement & Education Project and Huckell. Weinmann and Associates, Seattle, WA.

Hartigan, Pat. Washington State Department of Ecology. Personal communication.

Harper, H.H., Y.A. Yousef, and M.P. Wanielista. 1985. Efficiency of Roadside Swales in Removing Meavy Metals from Highway Associated Nonpoint Source Runoff. In: Options for Reaching Water Quality Goals, Proc. American Water Resources Association Symposium, Washington D.C.

Hinrichs, D.J., J.A. Faisst, D.A. Pivetti, Culp/Wesner/Culp and E.D. Schroeder. 1980. Assessment of Current Information on Overland Flow Treatment of Municipal Wastewater. EPA-430/9-80-002. USEPA, Office of Water Programs, Washington, D.C.

Horner, Richard R. 1988. Biofiltration Systems for Storm Runoff Water Quality Control. Metro, Seattle, WA.

Horner, Richard R. 1990. Biofiltration Project Comparison of Design Methods. Memorandum prepared for Metro, Biofiltration Project, Seattle, WA.

Huckell/Weinman Associates. 1987. Criteria for Grass-lined Swales as Pollution Control Devices. Technical Memorandum for King County Building and Land Development, King County Washington.

Irig, Robert. Metro Construction Management. August 1992 equipment measurements.

-
- Kao, D.T. and B.J. Barfield. 1978. Transactions of the ASAE 21: 489-494.
- Kercher, W.C., J.C. Landon, and R. Massarelli. 1983. Grassy Swales Provide Cost-Effective Water Pollution Control. Public Works, April 1983.
- Khan, Zahid. June, 1992. City of Mountlake Terrace. Personal communication.
- King County Stormwater Management Manual. 1990. King County Department of Public Works, Surface Water Management Division, Seattle, WA.
- King County Surface Water Design Manual. 1990. King County Surface Water Management Division, Seattle, WA.
- Kulzer, L. 1991. University Regulator Source Control Project. Municipality of Metropolitan Seattle, Seattle, WA.
- Lee, C.R., P.G. Hunt, R.E. Hoeppe, C.A. Carlson, T.B. Delaney, Jr. and R.N. Gordon, Sr. 1976. Highlights of Research on Overland Flow for Advanced Wastewater Treatment. WES-MP-Y-76-6. U.S. Army Engineers Waterways Experiment Station, Vicksburg, MS.
- Lee, C.K. and K.S. Low. 1989. "Removal of Copper from Solution Using Moss." *Env. Tech. Letters* 10: 395-404.
- Livingston, E., J. Cox, P. Sanzone and N. Gourlie. 1984. The Florida Development Manual: A Guide to Sound Land and Water Management. Florida Department of Environmental Regulation, Tallahassee, FL.
- Low, K.S. and C.K. Lee. 1991. "Cadmium Uptake by the Moss *Calymperes delessertii*, Besch." *Bioresource Technology* 38(1991): 1-6.
- Merill, S. 1989. City of Seattle Storm Water Monitoring Analysis of Measurements. Technical Memorandum to Claudia Corson, Seattle Drainage and Wastewater Utility, Seattle, WA.
- Metcalf and Eddy, Inc. 1977. Process Design Manual for Land Treatment of Municipal Wastewater. EPA 625/1-77-008. USEPA, Washington, D.C.

Metro Water Resources. 1992. Raw data, South Base Constructed Marsh Pollutant Uptake Study.

Meybeck, M. and R. Helmer. 1989. "The Quality of Rivers: From Pristine Stage to Global Pollution." *Palaeogeography, Palaeoclimatology and Palaeoecology* (Global and Planetary Change Section) 75: 283-309.

Miller, S. 1987. The Treatment Effectiveness of Alternative Cover Materials in Storm Runoff Infiltration Basins. Report to Washington Department of Ecology by Spokane County, Spokane, WA.

Minton, G. September, 1991. Resource Planning Associates. Memo to Phil Cohen, City of Redmond. Presented in Appendix F of this report.

Minton, G., Resource Planning Associates. Personal communication.

Morrison, G.M.P., D.M. Revitt, J.B. Ellis, G. Svensson and P. Balmer. 1984. The Physico-Chemical Speciation of Zinc, Cadmium, Lead and Copper in Urban Stormwater. In: Third International Conference on Urban Storm Drainage, Volume 3, pp 989-1000.

National Research Council (NRC). 1987. National Water Quality Monitoring and Assessment. National Academy Press, Washington D.C.

Oakland, P.H. 1983. An Evaluation of Stormwater Pollutant Removal through Grassed Swale Treatment. In: Proceedings International Symposium of Urban Hydrology, Hydraulics, and Sediment Control, Lexington, KY.

Post, Buckley, Schuh and Jernigan Inc. 1982. Evaluation of Two Best Management Practices. Report to Brevard County, FL.

Prych, E. A., and J. C. Ebbert, 1986. Quantity and Quality of Storm Runoff from Three Urban Catchments in Bellevue, WA. U. S. Geological Survey and City of Bellevue, WA. USGS Water Resources Investigations Report 86-4000.

Randall, C., K. Ellis, T. Grizzard and W. Knocke. 1982. Urban Runoff Pollutant Removal by Sedimentation. In: Stormwater Detention Facilities. De Groot, W., ed. Engineering Foundation and American Society of Civil Engineers. Henniker, NH, August 2-6, 1982.

Ree, W.O. and V.J. Palmer. 1949. "Flow of Water in Channels Protected by Vegetation Linings." *Technical Bulletin No. 967*, U.S. Department of Agriculture, U. S. Soil and Conservation Service, Washington, D.C.

Rogers, P. and A. Rosenthal. 1988. "The Imperatives of Nonpoint Source Pollution Policies." *J. Water Pollu. Control Fed.* 60 (11): 1912-1921.

Roesner, L.A., B. Urbonas and M. Sonnen, editors. 1989. Design of Urban Runoff Quality Controls. Proceedings of an Engineering Foundation Conference on Current Practice and Design Criteria for Urban Quality Control. American Society of Civil Engineers, New York, NY.

Ruhling, A. and G. Tyler. 1970. *Oikos* 21: 92-97.

Schueler, T.M. 1987. Controlling Urban Runoff: A Practical Manual for Planning and Designing Urban BMPs. Metropolitan Washington Council of Governments, Washington D.C.

Scott, T.M. and P.M. Fulton. 1971. "Removal of Pollutants in the Overland Flow System." *Prog. Water Tech.* 11(4-5): 301-313.

SCS. 1954. Handbook of Channel Design for Soil and Water Conservation, SCS-TP-61. U.S. Soil Conservation Service, Washington, D.C.

Smith, R.G. and E.D. Schroeder. 1985. Field Studies of the Overland Flow Process for the Treatment of Raw and Primary Treated Municipal Wastewater. "Physical Design of Overland Flow Systems." *J. Water Pollut. Control Fed.* 57: 785.

Toller, E.W., B.J. Barfield, C.T. Haan and D.T.Y. Kao. 1977. "Suspended Sediment Filtration Capacity of Simulated Vegetation." *Trans. ASAE* 19: 678-682.

Thompson, G.T. 1974. A Theory of Flow Resistance for Vegetated Channels. PhD Thesis, Washington State University, Pullman, WA.

Thompson, P. 1989. Poison runoff: A Guide to State and Local Control of Nonpoint Source Water Pollution. National Resources Defense Council, Washington D.C.

USEPA. 1989. Nonpoint sources: Agenda for the Future. U. S. Environmental Protection Agency, Office of Water, Washington D.C.

USEPA. 1989. Risk Assessment Guidance for Superfund. Volume 1, Chapter 5, Data Evaluation. EPA/540/1-89/002, December 1989. U. S. Environmental Protection Agency, Washington D.C.

USEPA. 1988. Ambient Aquatic Life Criteria for Aluminum. U. S. Environmental Protection Agency, Office of Research and Development Environmental Research Laboratory, Duluth, MN.

USEPA. 1986. Quality Criteria for Water. EPA 440/5-86-001. U. S. Environmental Protection Agency.

USEPA. 1983. Methods for Chemical Analysis of Water and Wastes. EPA-600/4-79-020. U. S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, Cincinnati, OH.

USEPA. 1982. Handbook for Sampling and Sample Preservation of Water and Wastewater. EPA-600/4-82-029. U. S. Environmental Protection Agency.

USEPA. 1980. Assessment of Current Information on Overland Flow Treatment of Municipal Wastewater, EPA-430/9-80-002. U. S. Environmental Protection Agency, Office of Water Programs, Washington, D.C.

USEPA. 1976. Quality Criteria for Water. U. S. Environmental Protection Agency, Washington D.C.

Wang, T.S., D.E. Spyridakis, B.W. Mar and R.R. Horner. 1981. Transport, Deposition and Control of Heavy Metals in Highway Runoff. FHWA-WA-RD-39.10. Report to Washington State Department of Transportation by Department of Civil Engineering, University of Washington, Seattle, WA.

Washington State. Water Quality Standards for Surface Waters of the State of Washington. Chapter 173-203 WAC. Olympia, WA.

Washington State Department of Ecology. 1991. Draft Manual for Surface Water Management. Olympia, WA.

Washington State Department of Ecology. 1991. Guidance for Remediation of Releases from Underground Storage Tanks, Toxics Cleanup Program Publication 91-30, Olympia, WA.

Water Quality Best Management Practices Manual. 1989. Prepared for City of Seattle by Resource Planning Associates. Seattle, WA.

Water Quality Design Manual. 1991. Mountlake Terrace Engineering Department, City of Mountlake Terrace, WA.

Wigington, P.J. Jr., C.W. Randall and T.J. Grizzard. 1986. "Accumulation of Selected Trace Metals in Soils of Urban Runoff Swale Drains." *Water Resources Bulletin* 22(1): 73-79.